

CHRISTOPHER MENDOZA

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github.com/chrisimendoza | chrisimendoza.com | rideprint.com

SOFTWARE DEVELOPER | WEB, MOBILE & DESKTOP | AI INTEGRATION

SUMMARY

Software developer with a B.A.S. in Application Development who designs and operates production applications across web, Android, and desktop, owning requirements, architecture, and review from APIs, data models, and payments through the testing, CI, monitoring, and security that keep them running. Builds with AI coding agents, using automated tests and CI as the quality gate: more than 5,000 tests across four shipped projects. Brings over a decade of hardware and software diagnostics to debugging. Available for freelance projects and full-time roles.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Kotlin, Python, Java, C#, SQL

Web and Backend: Next.js, React, Node.js, FastAPI, REST APIs, OAuth, webhooks, scheduled jobs, Tailwind

Mobile and Desktop: Android, Jetpack Compose, Room, Hilt, WorkManager, Electron, .NET

Data: PostgreSQL, Supabase, SQLite, schema design, versioned migrations, row-level security

AI: Directing AI coding agents (Claude Code, GitHub Copilot), reviewing and validating agent output, Anthropic API integration, prompt design

Quality and Ops: Unit, integration, and instrumented testing, GitHub Actions CI, Vitest, pytest, Sentry, Vercel, Stripe, Git

SOFTWARE DEVELOPMENT

Independent Software Developer | PlusOrMinusTwo Designs | Bothell, WA 2025 – Present

Design and direct production applications built with AI coding agents, owning requirements, architecture, review, testing strategy, releases, and production monitoring.

RidePrint | Live service history and resale verification platform (rideprint.com) 2026 – Present

Next.js, TypeScript, Supabase (PostgreSQL), Vercel, Stripe

- Built and operate a live full stack platform with Stripe checkout and webhooks, Strava OAuth activity sync, AI receipt OCR through the Anthropic API, and scheduled transactional email.
- 797 automated tests with CI on every push; 48 versioned migrations; hardened with Sentry, row-level security, a nonce-based CSP, and rate limiting.

Postmark | Android SMS and MMS client 2026 – Present

Public on GitHub | Kotlin, Jetpack Compose, Room, Hilt, WorkManager

- Full default SMS replacement with full-text search, photo, video, and voice memo messaging, direct reply notifications, scheduled backups, and a statistics dashboard; 1,100+ unit tests plus emulator-based instrumented tests in CI; daily driver at 159,000 messages.
- Designed a pure, unit-tested allocator that divides the carrier's MMS byte budget across every attachment in a message, smallest first, with under-budget images donating their surplus to larger ones, so multi-photo messages compress to fit instead of failing to send.

ShaftSchematic | Marine prop shaft modeling and drawing export app 2025 – Present

Public on GitHub | Kotlin, Jetpack Compose

- Models multi-segment shafts and exports dimensioned PDF drawings and runout sheets, drawn from daily shop floor work; 2,200+ unit tests with CI gating merges.

DocArchivist | Local-first document archival desktop app 2025 – Present

Private pre-release, demo on request | Electron, React, TypeScript, Python, FastAPI, SQLite

- React front end with a Python FastAPI backend covering OCR, 22 document types, and a Windows installer; 958 automated tests and a nine-phase fault-injection test plan.

Hephaestus | Coding agent for repository-level tasks 2026 – Present

In progress, public on GitHub | Python, Anthropic API | Indexes a repository and plans development tasks with LLM reasoning

PROFESSIONAL EXPERIENCE

Machinist | Sound Propeller Services | Seattle, WA 2022 – Present

- Machine, inspect, and repair marine propellers and shafts to specification, measuring wear and runout and documenting findings; reached proficiency across machining, inspection, welding, and repair with no prior experience.

IT Technician I | Seattle Central Community College | Seattle, WA 2016 – 2021

Earlier IT roles: EasyTech Associate, Staples (2012 – 2015); IT Repair Technician (On-Call), Barrister Global Services (2008 – 2011)

EDUCATION

B.A.S., Application Development, North Seattle College (2017) | **A.S., Computer Science**, Seattle Central College (2013)